

FIG. 1

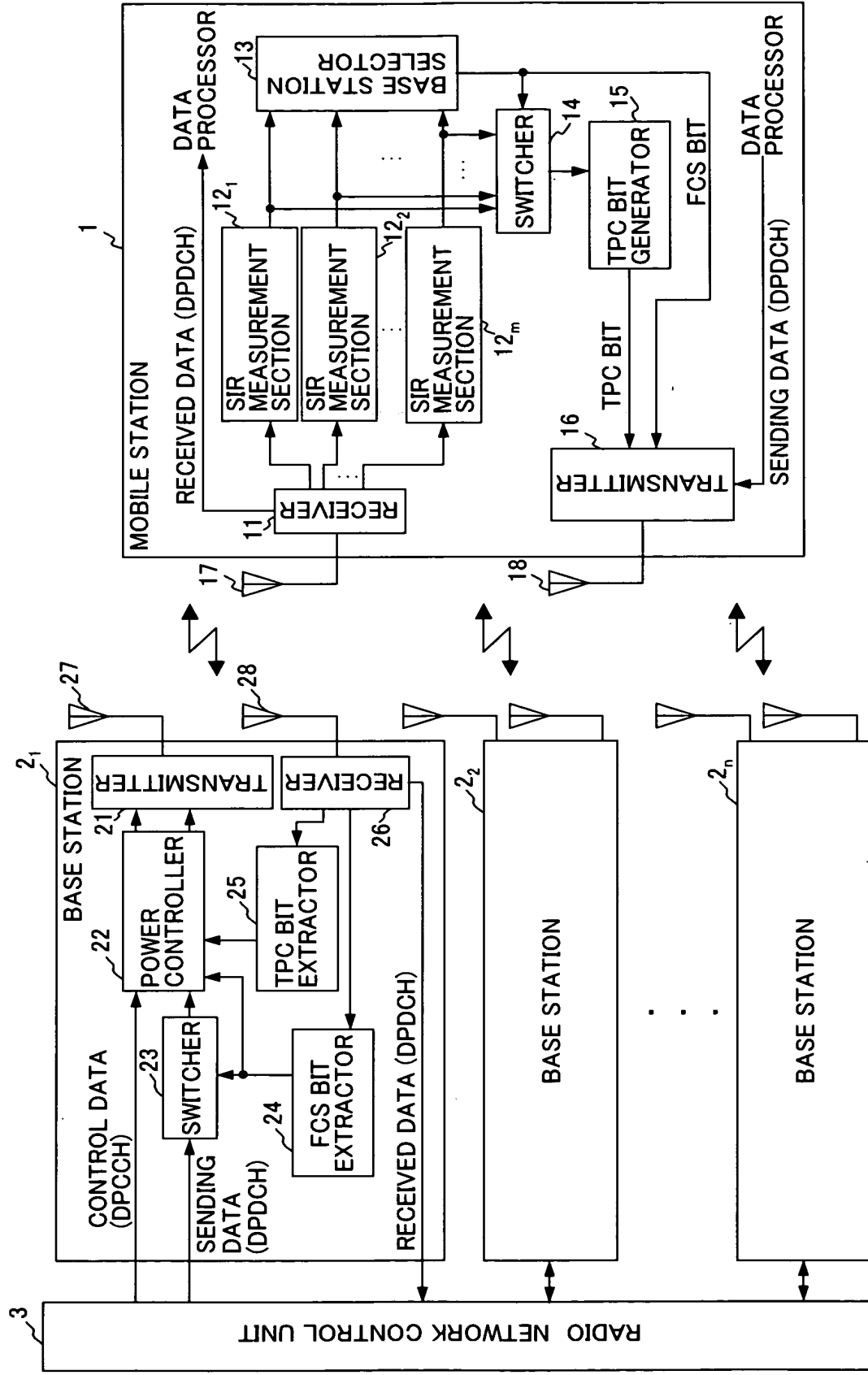


FIG. 2A

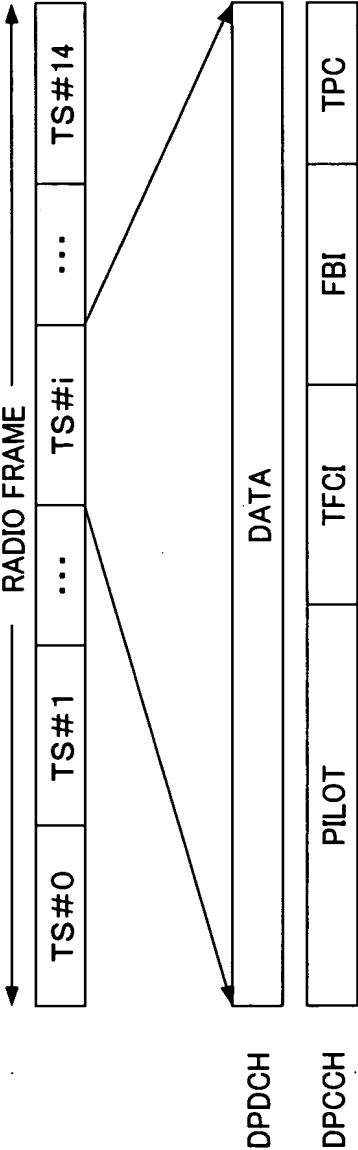


FIG. 2B



FIG. 3

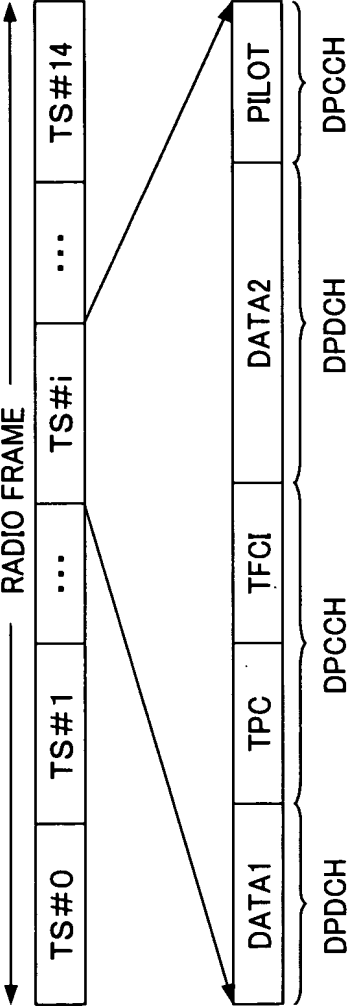


FIG. 4A

BASE STATION	TPC BIT	DPDCH POWER CONTROL	DPCCH POWER CONTROL
PRIMARYCELL	1	+1dB	+1dB
	0	-1dB	-1dB
NON- PRIMARYCELL	1	OFF	+1dB
	0	OFF	0dB

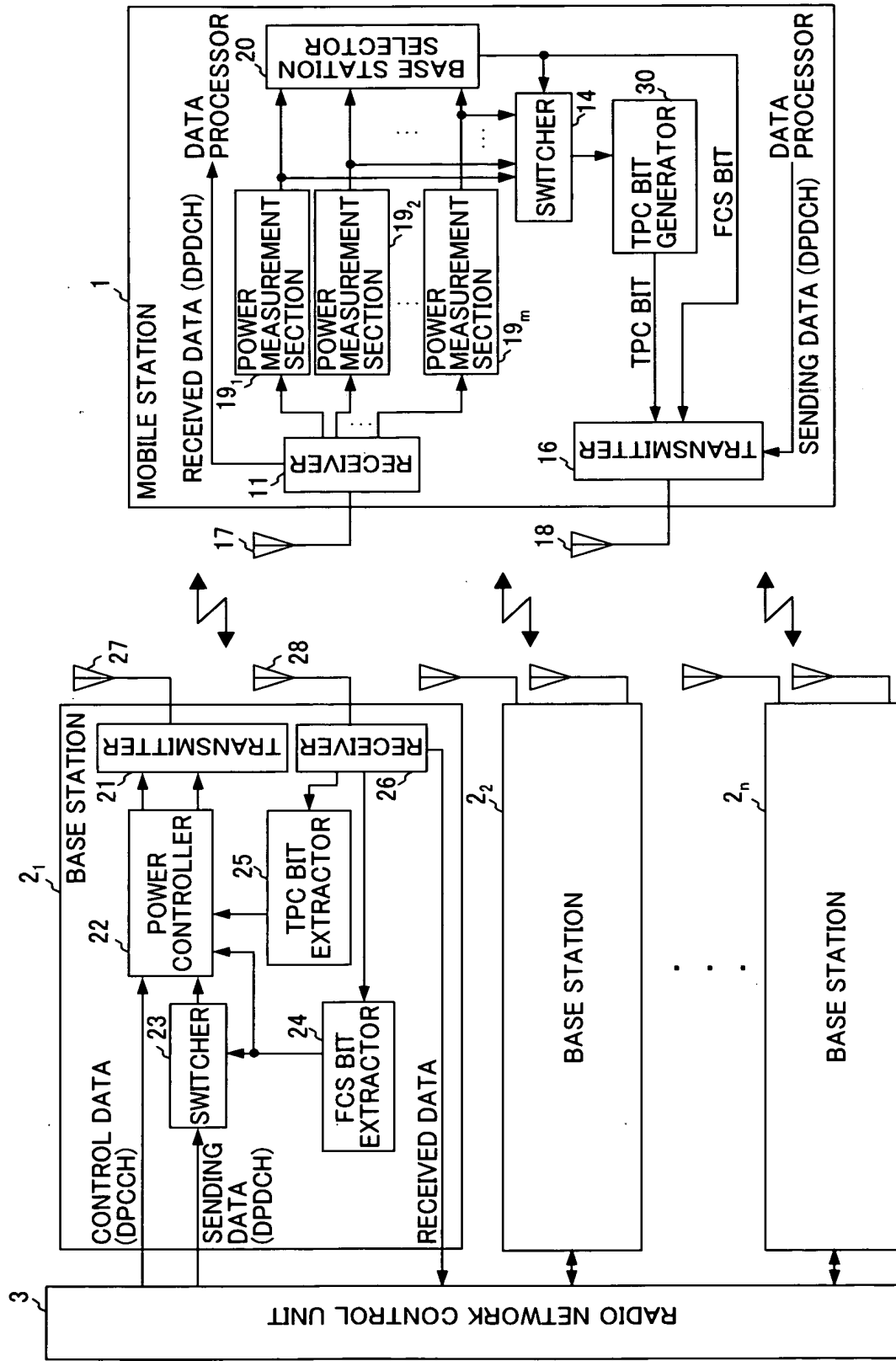
FIG. 4B

BASE STATION	TPC BIT	DPDCH POWER CONTROL	DPCCH POWER CONTROL
PRIMARYCELL	1	+1dB	+1dB
	0	-1dB	-1dB
NON- PRIMARYCELL	1	OFF	+0.5dB
	0	OFF	-0.5dB

FIG. 4C

BASE STATION	TPC BIT	DPDCH POWER CONTROL	DPCCH POWER CONTROL
PRIMARYCELL	1	+1dB	+1dB
	0	-1dB	-1dB
NON- PRIMARYCELL	1	OFF	0dB
	0	OFF	0dB

The diagram illustrates a mobile station (1) and a base station (2<sub>1</sub>) connected via a radio network control unit (3). The mobile station (1) includes a receiver (11) for received data (DPDCH), multiple power measurement sections (19<sub>1</sub> to 19<sub>m</sub>), a base station selector (20), a transmitter (16) for sending data (DPDCH), a TPC bit generator (30), and a switcher (14). The base station (2<sub>1</sub>) includes a transmitter (27), a receiver (28), a power controller (22), a switcher (23), a TPC bit extractor (25), and FCS/TPC bit extractors (24, 26). A radio network control unit (3) manages the system, providing control data (DPCCH) to the base station and receiving/retransmitting data (DPDCH) between the base station and mobile station.



**FIG. 6**

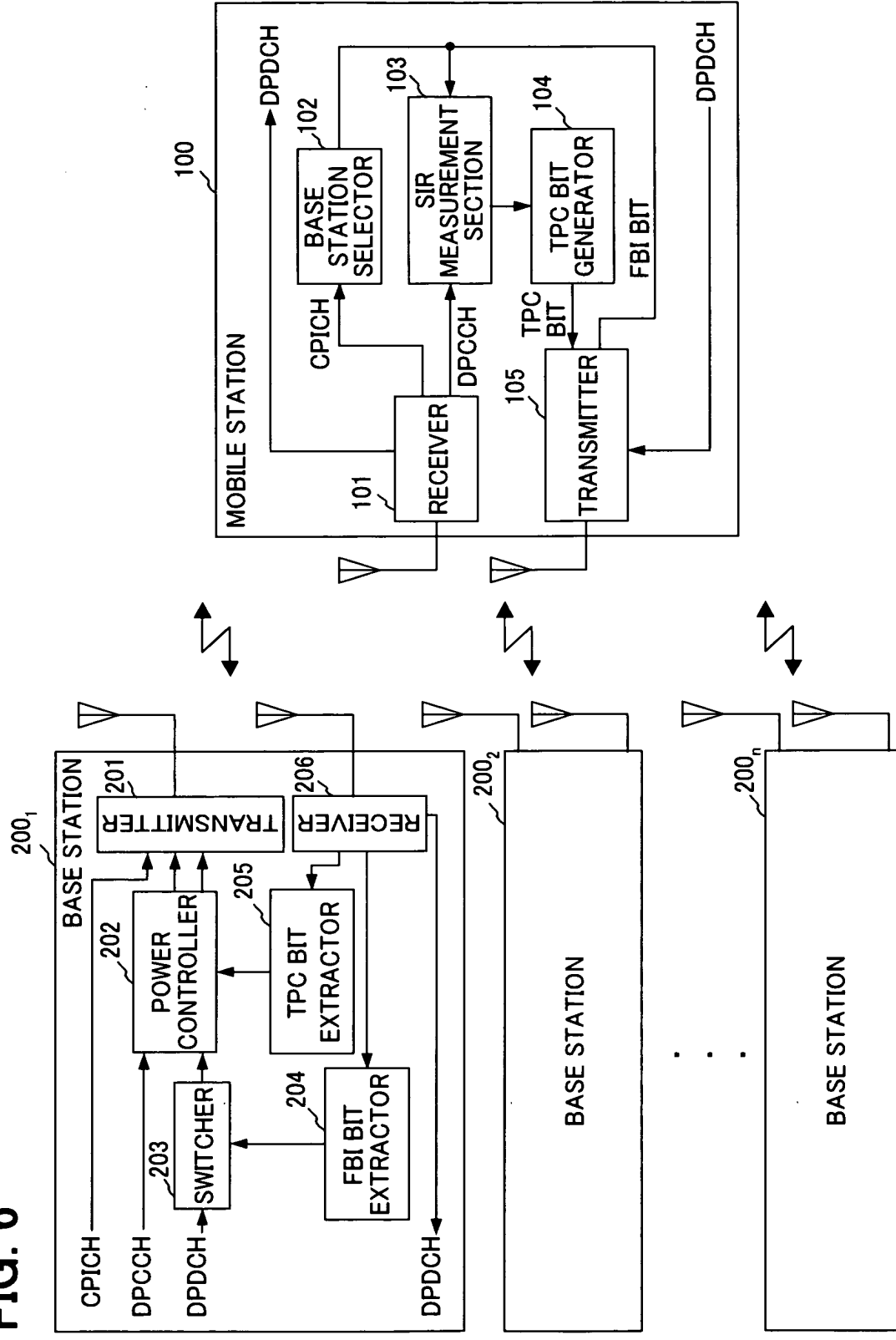


FIG. 7

BASE STATION	TPC BIT	DPDCH POWER CONTROL	DPCCH POWER CONTROL
PRIMARYCELL	1	+1dB	+1dB
	0	-1dB	-1dB
NON- PRIMARYCELL	1	OFF	+1dB
	0	OFF	-1dB